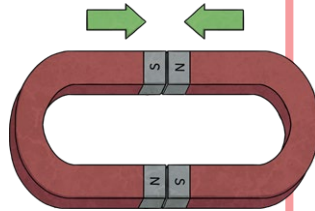


Magnets

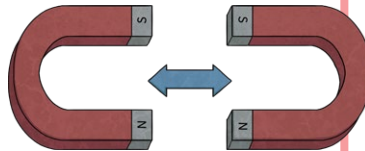
11 A magnet is a metal that attracts or repels other metals.

14 Attract or Repel?

21 All magnets have a north pole and
27 south pole. Opposite poles of a
33 magnet attract. The poles will feel
39 like they are being pulled together.



47 However, when you put the same poles together,
58 they will repel each other. This will feel like they are
63 pushing away from each other.
69 So, north will repel north and
74 south will push away south.



83 This is caused by a magnetic force, which occurs
90 when magnets touch or from a distance.

93 Magnets' Many Uses

101 Magnets are used in fridges to keep doors
107 closed, in vacuum cleaner motors to
116 create suction or even on a toy train to
118 attach carriages.



Questions



1. Which is the correct way that magnets react?
Tick one.

- north repels north
- south attracts south
- south repels north
- north attracts north



2. What is the purpose of the section called **Attract or Repel**?



3. Find and copy one word which means 'to use force to move something away.'



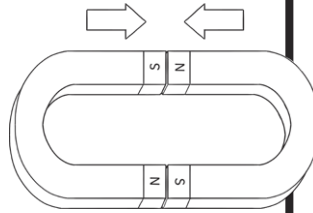
4. Summarise how magnets are useful.

Magnets

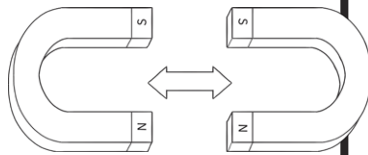
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Answers



1. Which is the correct way that magnets react?
Tick one.

- north repels north
- south attracts south
- south repels north
- north attracts north



2. What is the purpose of the section called **Attract or Repel?**

Pupils' own responses, such as: The purpose of the section is to explain that opposite poles attract and same poles repel each other.



3. Find and copy one word which means 'to use force to move something away.'

push



4. Summarise how magnets are useful.

Pupils' own responses, such as: Magnets can be used on toy trains to attach carriages and to keep a fridge door shut, keeping the food inside fresh.